

Supplementary information

1. Teflon
2. Ultem 2300

MATERIALS

■■■■■ TEFILON
■■■■■ ULTEM 2300

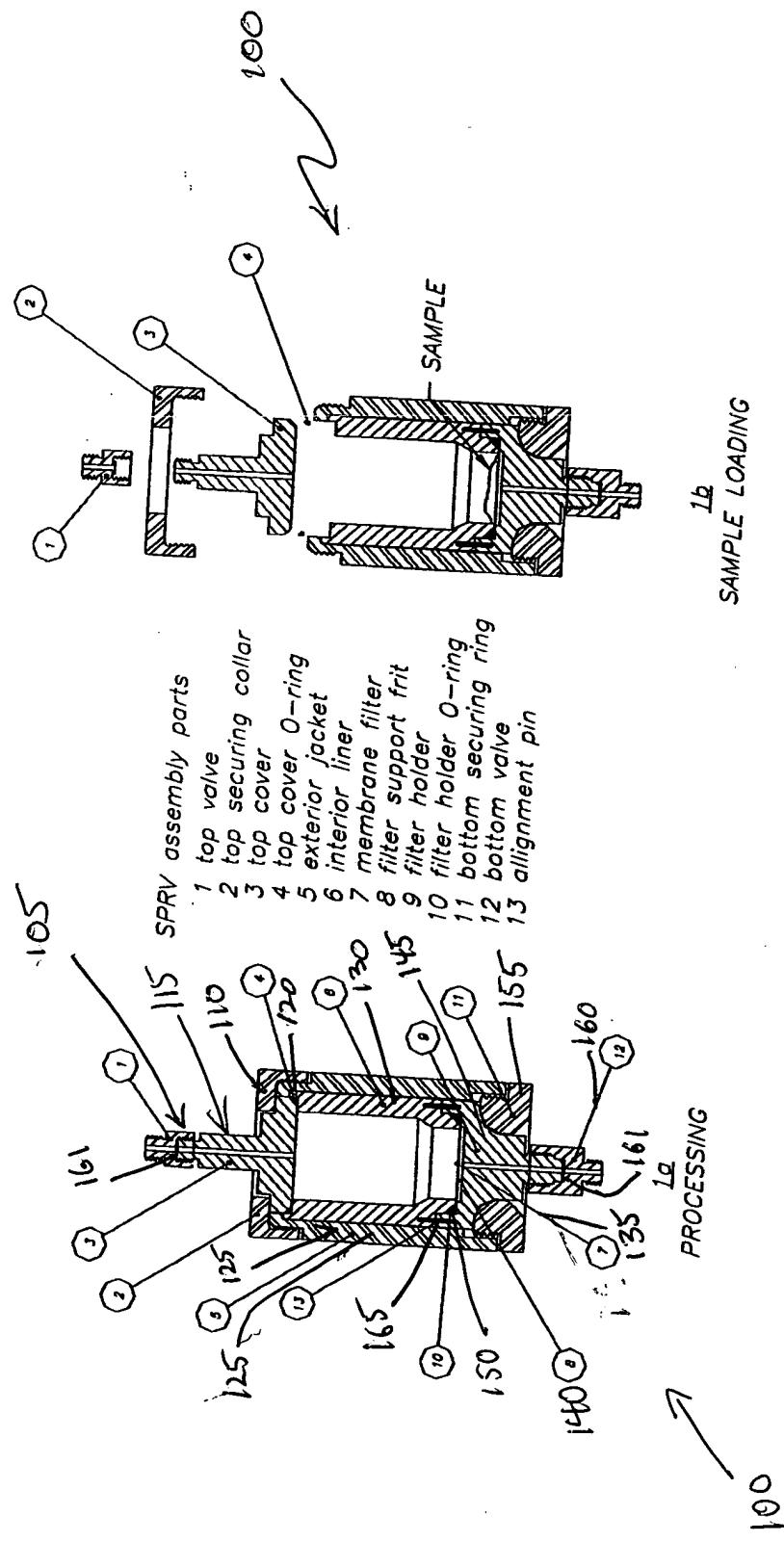


Fig. 1

Figure 1 The Sequential Processing Reaction Vessel (SPRV)

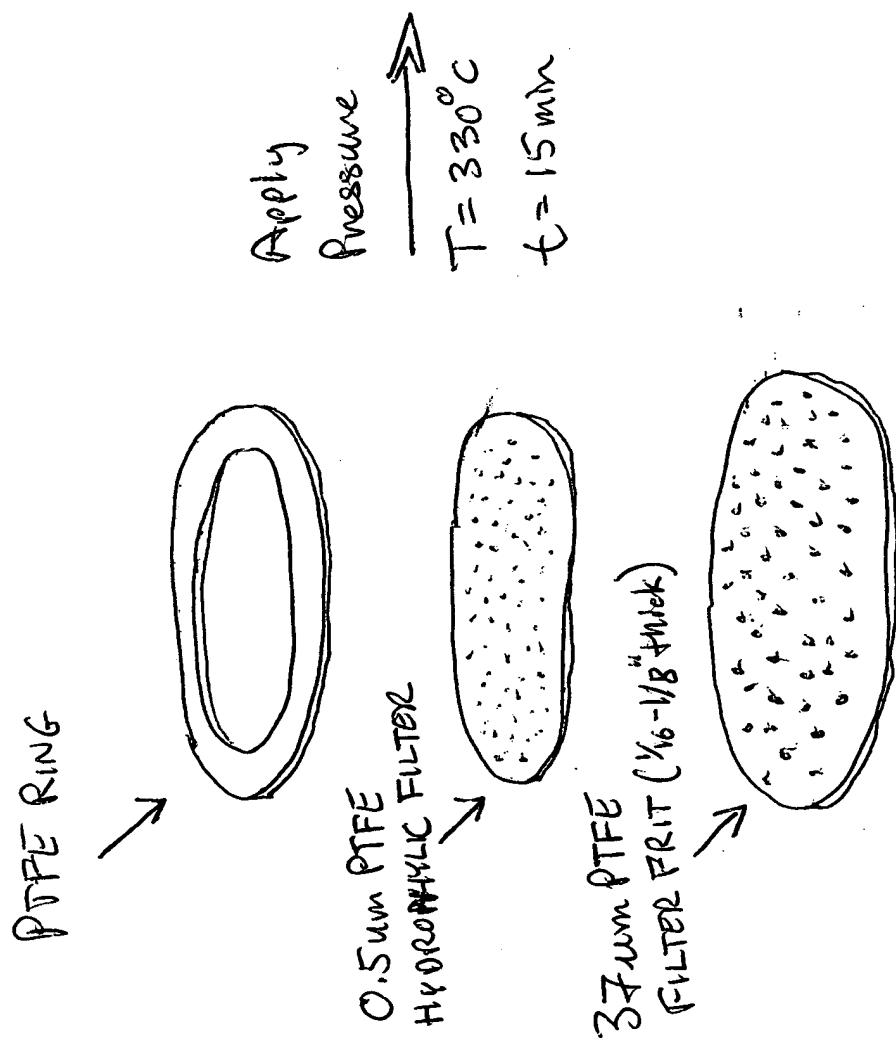
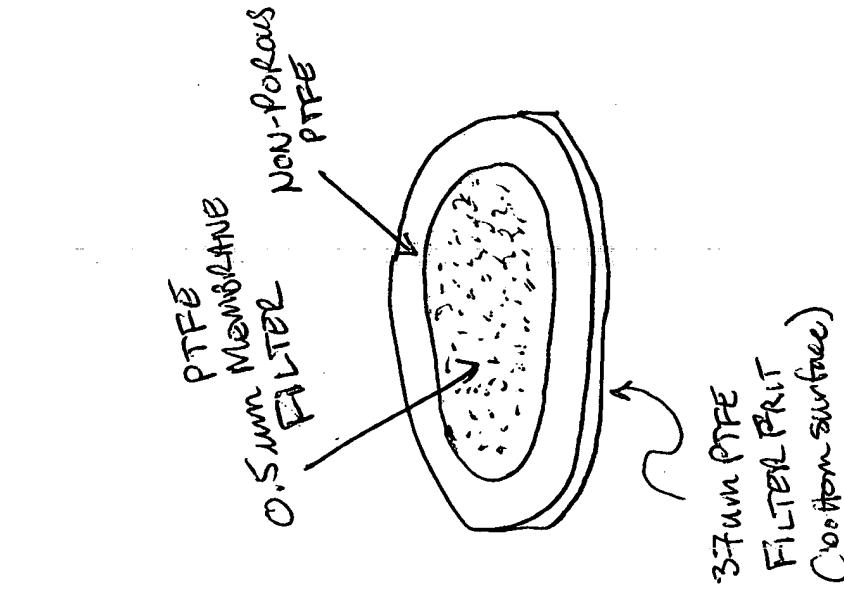
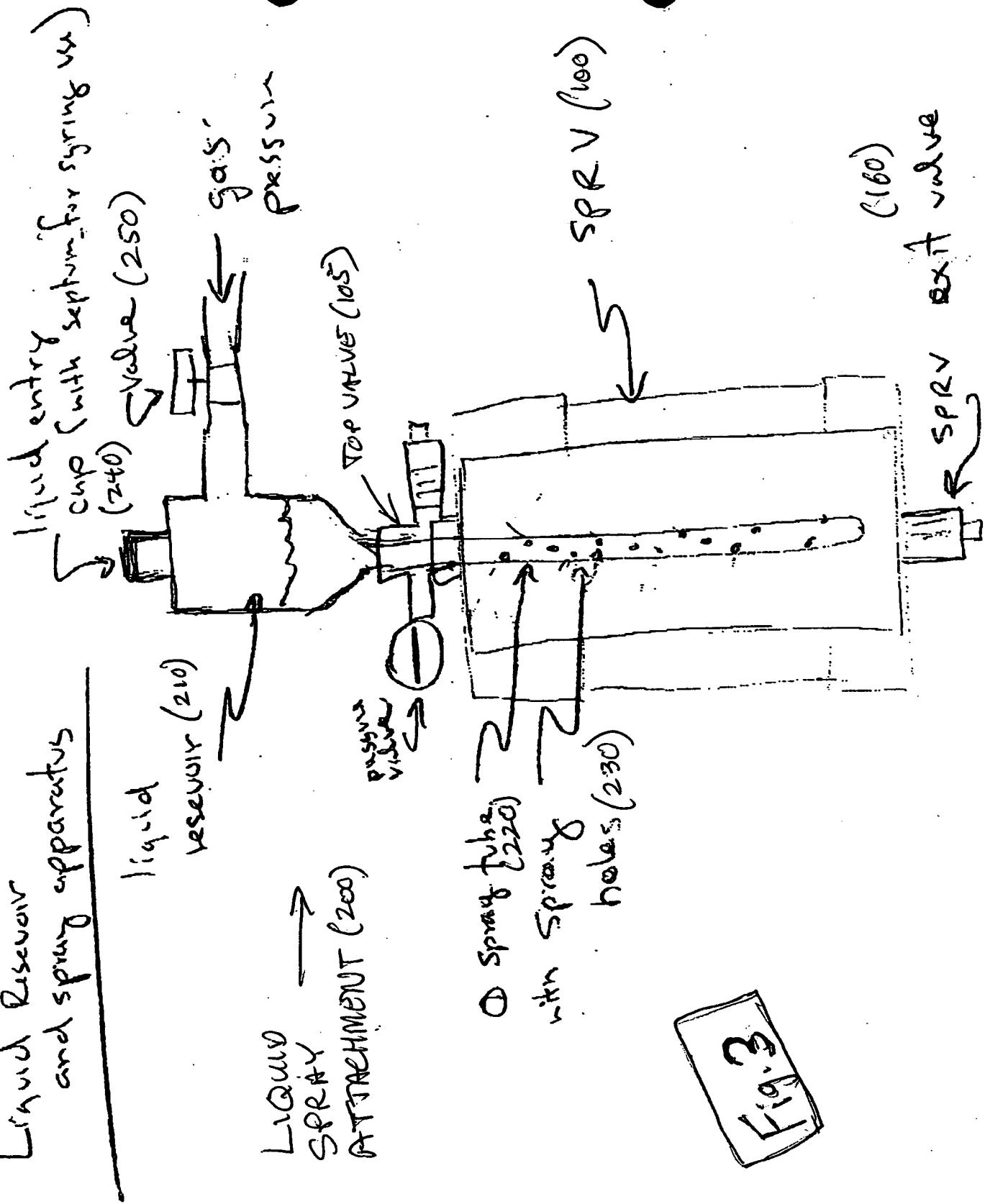


FIG. 2

Liquid Reservoir and Spraying apparatus



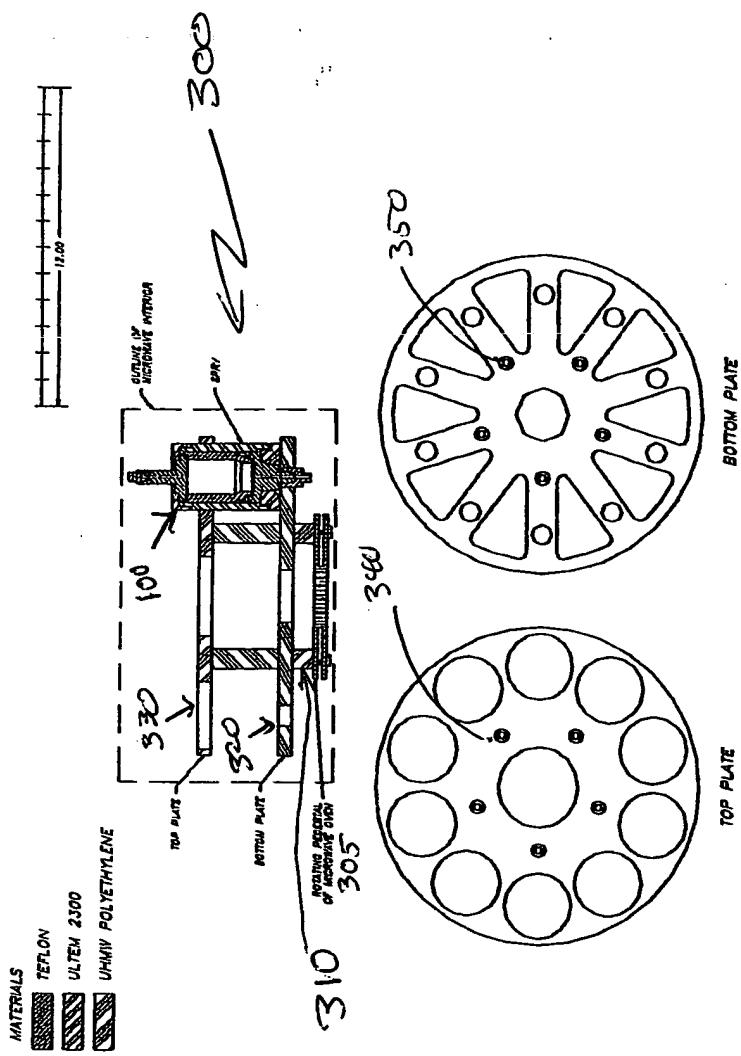
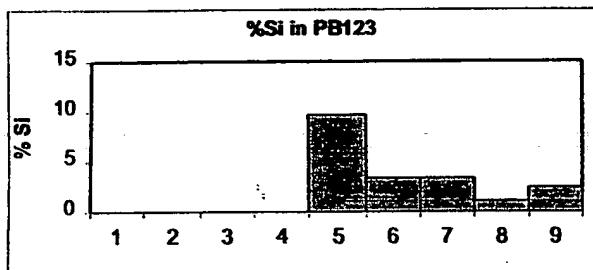


Fig. 3 The SPRV Multiple Carousel Assembly

PB 123
Panama Basin sediment trap sample



PC40
Deep ocean surface sediment sample

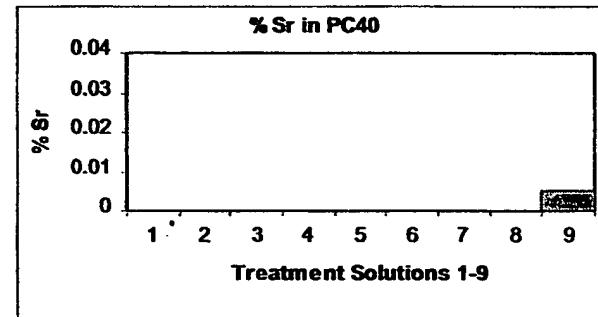
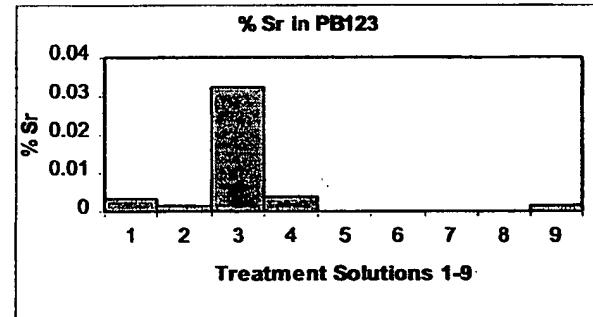
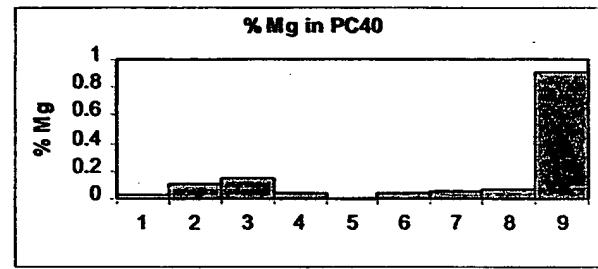
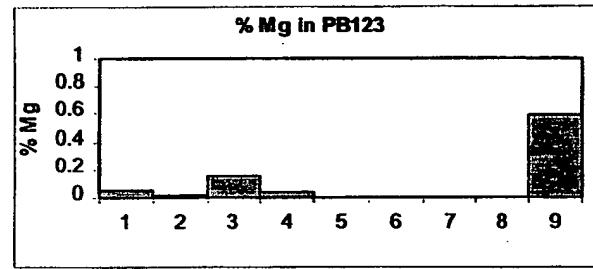
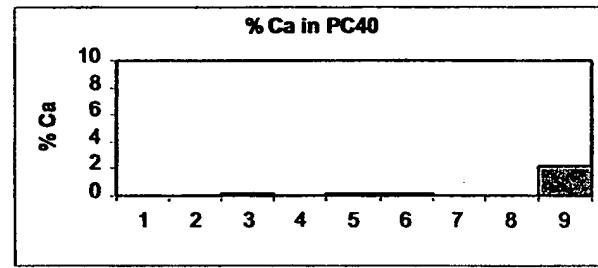
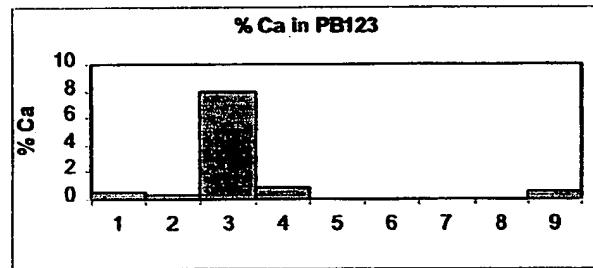
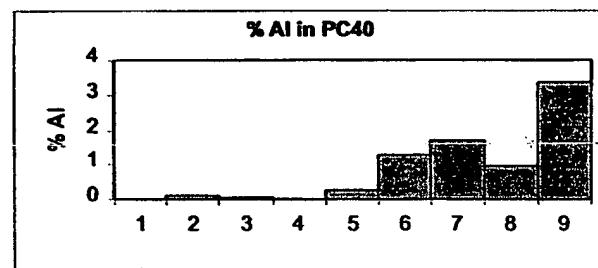
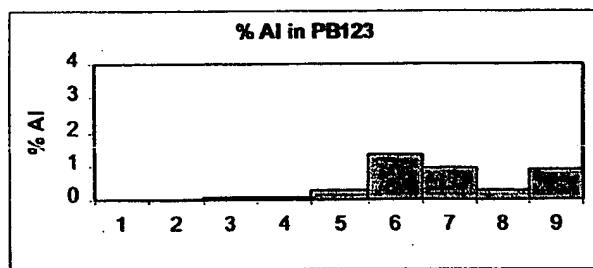
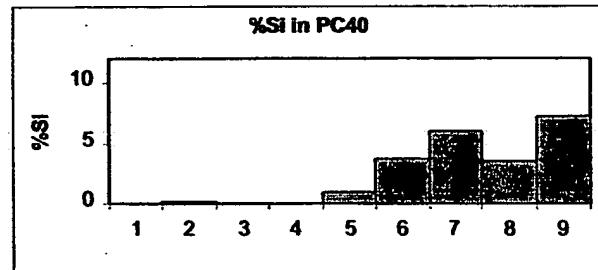


Figure 2 Elemental Concentrations in treatment solutions 1-9 sequentially extracted from sediment samples PB123 and PC40

FIG. 5